

Technical Data Sheet



ATP Guard

Product: GL- 412

Product Description:

High-quality, monomeric textured pvc for use in a wide variety of applications including various floor graphics(fulfills slip resistance standard DIN 51130 - R9 Rating), as well as pop-up materials

Product structure:

Support	PVC-film, 100 µm, transparent
Interliner	One side siliconised surface-coated paper, white, 63 g/m ²
Adhesive	pure acrylic adhesive, Permanent, transparent
Total Thickness	0,12 mm
Adhesive weight	30 g/m ²

Characteristics:

		Average Value	Test Method
Adhesion on steel:	(after 20 min.)	9 N / 25mm	AFERA 5001
Adhesion on steel:	(after 24 h)	15 N / 25mm	AFERA 5001
Dimensional Stability:	MD	< -3 %	FTM 14
Dimensional Stability:	CD	< 1.5 %	FTM 14
Flammability:	On aluminium		DIN 75200

Environmental Performance:

Chemical resistance:

Conditions	Appearance
24h at room temperature and 4h in propanol	no change
24h at room temperature and 48h in water	no change

Temperature resistance:

Conditions	Appearance
24h at room temperature and then 24h at 140°C	no change
24h at room temperature and then 24h at 140°C	no change

Humidity resistance:

Conditions	Appearance
24h at room temperature and then 24h at 38°C and 98% humidity.	no change

Application temperature:

min. 8°C

End-Use Temperature range:

from -40°C to +80°C

Shelf life:

2 years (see application information)

Durability:

1 year

The durability relates to the laminating film and not to the protected image.

This estimated life time is based on accelerated ageing tests and the durability refers to vertical exposure and temperate climates. Exposure to severe humidity and ultraviolet light, as well as conditions in tropical or desert countries will cause a rapid deterioration of the product.

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